

IRON AGE

FARM, GARDEN AND ORCHARD TOOLS

AMERICAN FACTORY
BATEMAN M'F'G CO.,
GRENLOCH, NEW JERSEY

CANADIAN FACTORY
The BATEMAN-WILKINSON CO., Limited
TORONTO, ONTARIO

TOOLS ARE CARRIED IN STOCK AT CENTERS OF DISTRIBUTION.
LIBERAL STOCKS OF SUITABLE TOOLS FOR EACH VICINITY ARE
CARRIED BY THE BEST CLASS OF IMPLEMENT AND HARDWARE
DEALERS IN THE COUNTRY.

Success Comes to the Man Who Is Prepared

*Bigger Yields to the
Farmer who plants in
soil that is mellow, level
and free from lumps.*

To get these Results use Good Tools:

Disc Harrows
Double Disc Harrows
Spike-Tooth Harrows
Spring-Tooth Harrows
Steel Land Rollers



Double Discing
a Rough Piece
of Land

IF NOT HANDLED BY YOUR LOCAL DEALER, WRITE US FOR
NEAREST ADDRESS WHERE TOOLS CAN BE SEEN AND EXPLAINED.



Disc Harrows

These Harrows always stay with the ground in spite of uneven surfaces so that all parts of the field get equal discing.

Hinged Frame Connections. Both the frame and standard have hinged connections with the gangs. This allows flexibility and freedom of movement no matter which way the gangs are set. While the pressure bars hold down the inside ends of the gangs, the hinged connections permit the outsides to conform to the ground. There is no binding of the bearings at any time.

Anti-Friction Bumpers. These are loose cast iron plates attached to the inside end of each gang axle. They revolve together and are always in contact when the Harrow is in motion, taking up the end thrust of the gangs. The two halves of the Harrow cannot separate in the center and the gangs always work together leaving no uncut ground between.

Anti-Friction Scrapers. The scraper blades are made of oil-tempered steel. They extend to the center of the

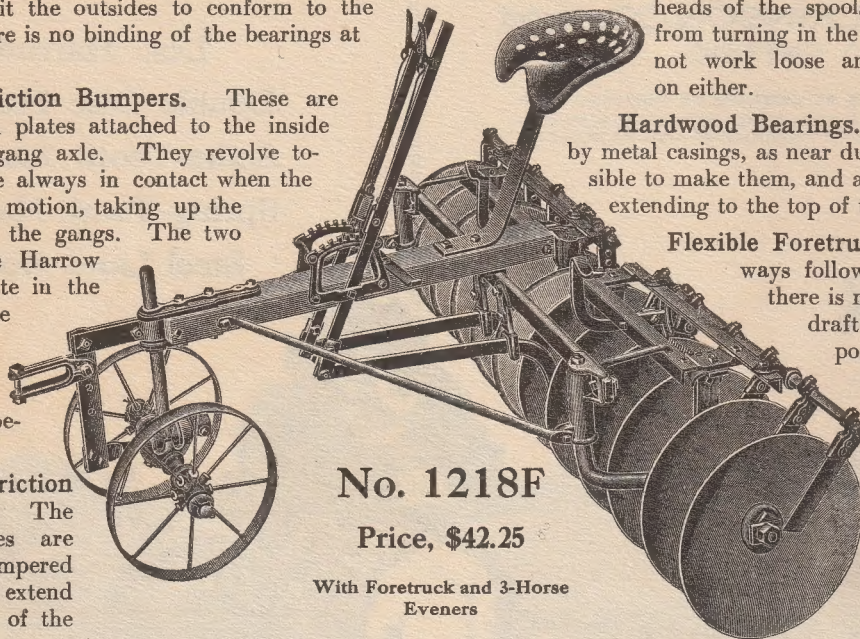
blades but do not bear upon them, except when in actual use. They conform to the curve of the blades and are moved by foot levers, which follow a guide provided with a positive stop so that the scrapers can not be forced too far back from the discs. The scrapers may be adjusted to bear on the blades or to stand off at any distance.

Interlocking Hub. This consists of a lock-nut which passes through the disc blade and engages the heads of the spools. It keeps the axle from turning in the blade, the blade cannot work loose and there is no wear on either.

Hardwood Bearings. They are protected by metal casings, as near dust-proof as it is possible to make them, and are oiled through tubes extending to the top of the frame.

Flexible Foretruck. The Harrow always follows the foretruck and there is no neck weight or side draft for the horses. The position of the frame on the foretruck is adjustable — this insures a uniform depth of cutting.

Harrows are also furnished with a pole in place of the foretruck if you prefer them that way.



No. 1218F

Price, \$42.25

With Foretruck and 3-Horse
Eveners

Disc Harrows with Pole

No.	Blades	Diam.	Cut	Equip.	Weight	Price
816	8	16	4	2-H.	364	\$30.00
1016	10	16	5	2-H.	396	31.75
1216	12	16	6	3-H.	438	35.00
1416	14	16	7	4-H.	458	38.50
818	8	18	4	2-H.	385	32.50
1018	10	18	5	2-H.	424	34.25
1218	12	18	6	3-H.	478	38.25
1418	14	18	7	4-H.	532	41.75

Disc Harrows with Foretruck

No.	Blades	Diam.	Cut.	Equipment	Weight	Price
816F	8	16	4	Foretruck and 2-H. Doubletrees	416	\$34.00
1016F	10	16	5	Foretruck and 2-H. Doubletrees	448	35.75
1216F	12	16	6	Foretruck and 3-H. Eveners	490	39.00
1416F	14	16	7	Foretruck and 4-H. Eveners	510	42.50
818F	8	18	4	Foretruck and 2-H. Doubletrees	437	36.50
1018F	10	18	5	Foretruck and 2-H. Doubletrees	476	38.25
1218F	12	18	6	Foretruck and 3-H. Eveners	530	42.25
1418F	14	18	7	Foretruck and 4-H. Eveners	584	45.75

Neck-yokes (none included in the above) \$0.75

Double Disc Harrows

Better work, less expense. The forward sections cut the ground and throw it outward. The rear sections work it again and throw it back to its original position. The ground is leveled and pulverized and left in perfect condition for seeding. Once over the field with a Double Disc does as much work as twice over with a Single Disc and does it more thoroughly. The time and expense of discing is reduced one-half.

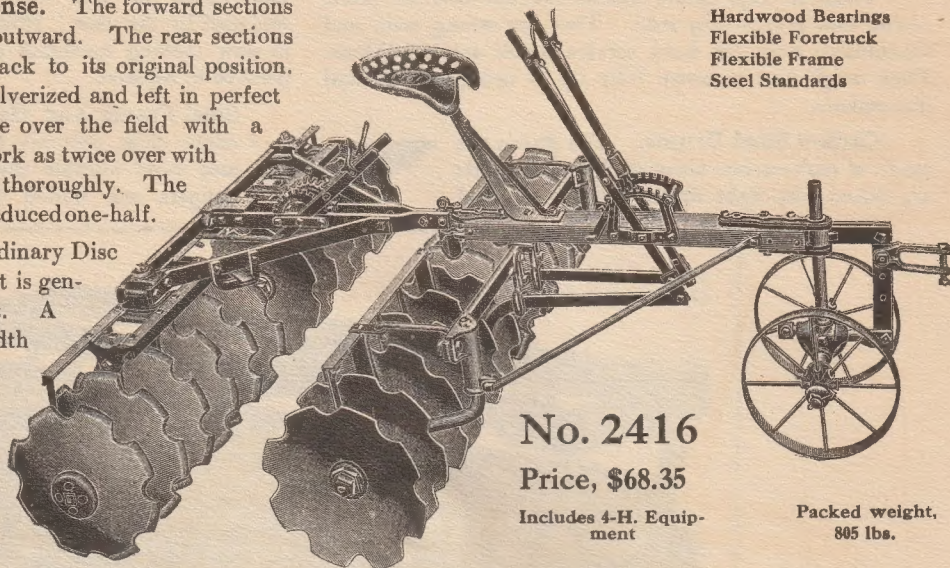
Saving in Draft. An ordinary Disc Harrow of six or seven-foot cut is generally used with three horses. A Double Disc of the same width of cut requires only four. The saving of horse power is accomplished—

First, by the form of the machine. The double action of the two Harrows, one attached to and immediately following the other, requires much less than the power of two separate Harrows.

Second, by the shape of the blades. The scalloped blades, though better pulverizers than solid blades, have less bearing surface against the soil and consequently have less draft.

The Flexible Frame permits perfect freedom of movement to each disc section. It may move up or down or sideways in following the inequalities of the surface.

Hardwood Bearings
Flexible Foretruck
Flexible Frame
Steel Standards



No. 2416

Price, \$68.35

Includes 4-H. Equip-
ment

Packed weight,
805 lbs.

Every inch of ground is cut and pulverized. The clevis connection between the front and rear Harrows insures smooth, easy running and light draft. At the corners the machine turns practically upon its own ground. The blades do not track at any time, there is no interference of parts, and the turn is easily made without extra exertion from either driver or team. There is no strain on any part of the Harrow and the ground is worked just the same as when going straight ahead.

"Iron Age" Double Disc Harrows

No.	Blades	Diam.	Cut	Weight	Price
1616	16	16	4	673	\$58.35
2016	20	16	5	733	63.35
2416	24	16	6	805	68.35
2816	28	16	7	890	75.00
1618	16	18	4	692	65.00
2018	20	18	5	767	71.65
2418	24	18	6	873	78.35
2818	28	18	7	985	86.65

Rear Sections for Double Disc Harrows

No.	Blades	Diam.	Cut	Weight	Price
816R	8	16	4	275	\$27.50
1016R	10	16	5	300	29.75
1216R	12	16	6	350	32.00
1416R	14	16	7	395	34.65
818R	8	18	4	300	31.65
1018R	10	18	5	330	34.50
1218R	12	18	6	385	38.25
1418R	14	18	7	435	41.60

4-H. Eveners with each Harrow

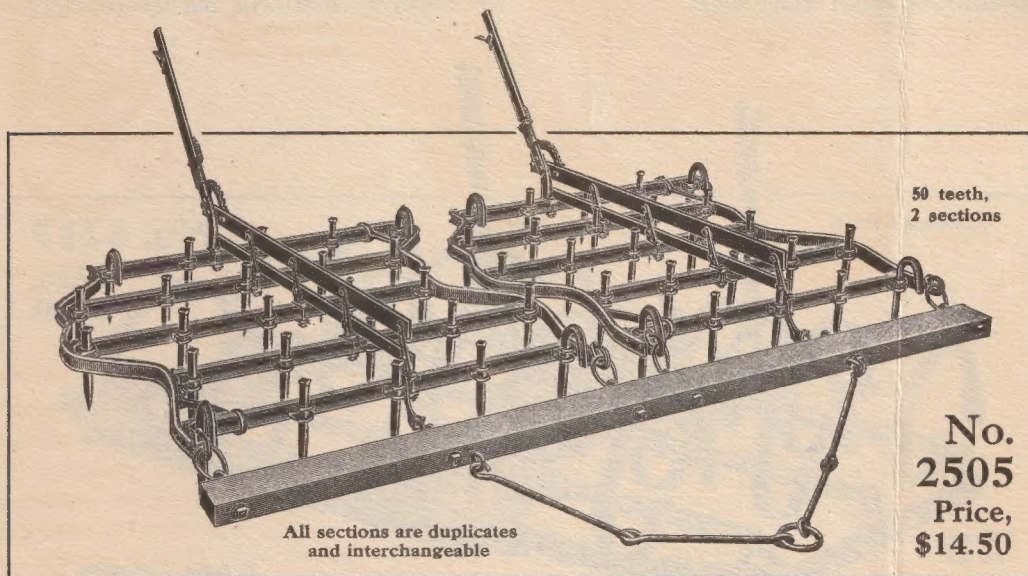
Spike-Tooth Harrows

These zigzag Spike-Tooth Harrows are built almost wholly of steel, very strong and yet flexible. Here are the distinctive features which are not found on other makes:

Patented Steel Tooth Clip. A clip with a grip like a bull dog. Seven years of use on many thousands of Harrows have backed us up in our

moved (only reversed) when the Harrow is used as a drag.

Outside Frame Bars. They are made of channel steel and are attached to the "U" cross bars by means of steel rivets. They protect the ends of the tooth bars, strengthen the Harrow without detracting from its flexibility and act as



claim that it is unbreakable and that it will not let go or lose teeth.

Curved Runner Teeth. These are long curved teeth at each corner to form runners for transportation. They are stiffer and more rigid than the detachable kind and they need not be re-

fenders when the Harrow comes in contact with trees, stumps or fences. It prevents barking trees and prevents the gathering of trash by the ends of the "U" bars.

Three hitch links furnished with each section. All sections are duplicates and interchangeable.

"Iron Age" Spike-Tooth Harrows

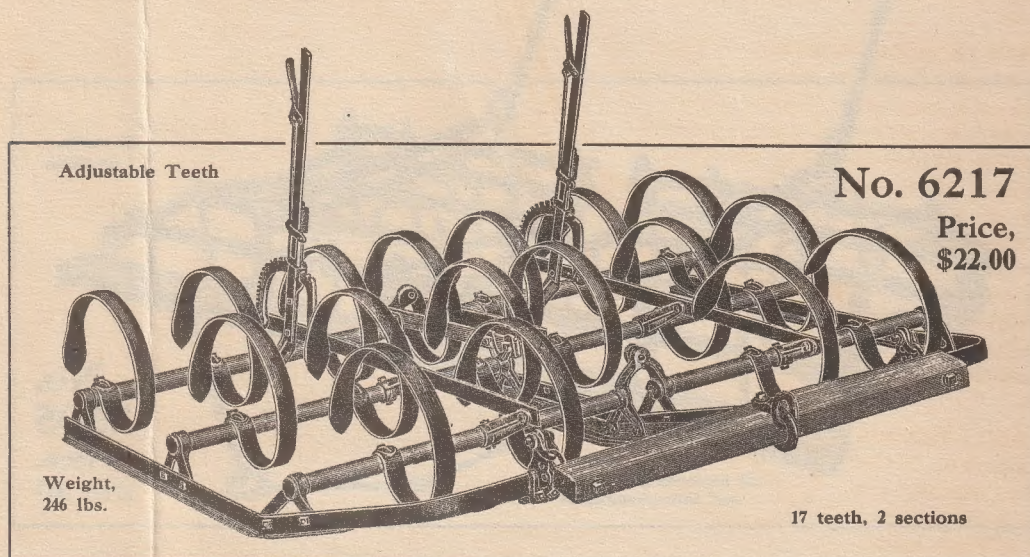
No.	Size	Weight	Price	No.	Size	Weight	Price
1251	25 Teeth, $\frac{1}{2}$ inch, 1 Sec.	92 lbs.	\$7.25	2501	50 Teeth, $\frac{1}{2}$ inch, 2 Sec.	184 lbs.	\$13.75
1255	25 Teeth, $\frac{5}{8}$ inch, 1 Sec.	97 lbs.	7.65	2505	50 Teeth, $\frac{5}{8}$ inch, 2 Sec.	193 lbs.	14.50
1301	30 Teeth, $\frac{1}{2}$ inch, 1 Sec.	104 lbs.	7.75	2601	60 Teeth, $\frac{1}{2}$ inch, 2 Sec.	208 lbs.	14.75
1305	30 Teeth, $\frac{5}{8}$ inch, 1 Sec.	108 lbs.	8.15	2605	60 Teeth, $\frac{5}{8}$ inch, 2 Sec.	215 lbs.	15.50

Spring-Tooth Harrows With Steel-Tube Tooth Bars

Low Down Frame. These Harrows are built with a low down frame of heavy angle steel which slopes upward in front to avoid gathering trash or wedging against stones. It is reinforced on the underside by steel shoes which act as runners. They are easily replaced when worn.

Adjustable Hitch. The draw bar or hitch attachment may be adjusted up or down to insure even working of the teeth or to make the front or rear teeth work deep or shallow as desired.

Adjustable Teeth. The teeth are adjusted for depth by means of the levers which can be



Raised Tooth Bars. The tooth bars are round steel tubes, raised high on brackets at each end to give plenty of clearance. The inner arms of the frame are also raised for the same reason.

set by the operator while the Harrow is in motion.

The soil is sure to be thoroughly pulverized with a machine of this kind and the draft is easy on the horses.

"Iron Age" Spring-Tooth Harrows

No.	Size	Cut	Weight	Price
5215	15 Teeth, 2 Sec.	5 ft. 4 in.	233 lbs.	\$20.65
6217	17 Teeth, 2 Sec.	6 ft.	246 lbs.	22.00
7321	21 Teeth, 3 Sec.	7 ft. 6 in.	340 lbs.	29.35
8323	23 Teeth, 3 Sec.	8 ft.	360 lbs.	31.40

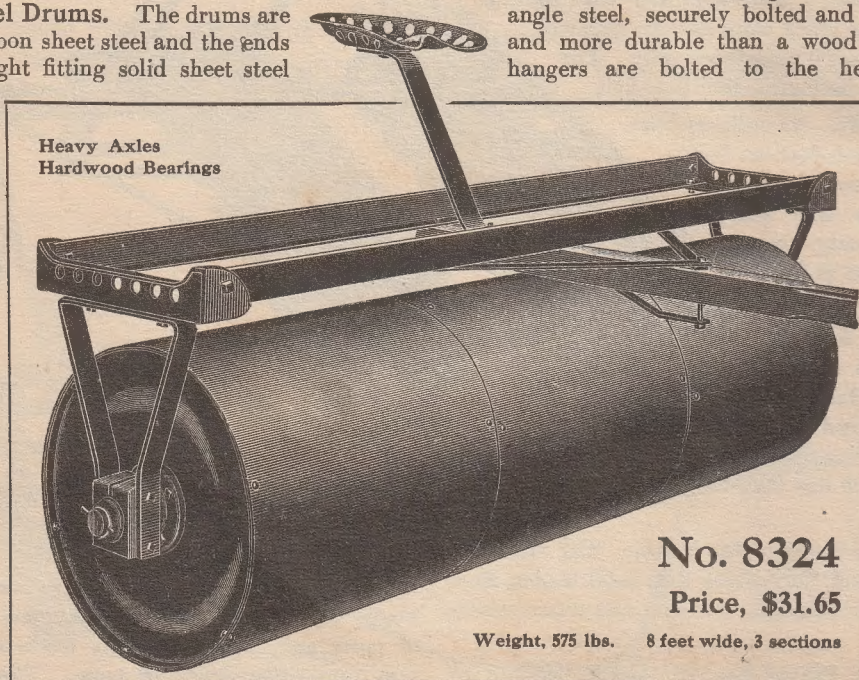
Steel Land Rollers

These are high grade Rollers that are sold on merit—and they always stay sold. They are strong, solid and substantial, built for hard service under any conditions. They weigh and measure fully up to listed weights and dimensions.

Carbon Steel Drums. The drums are made of high carbon sheet steel and the ends are closed with tight fitting solid sheet steel

than metal for such work, wear longer and are easily replaced by the user. Roller bearings are not necessary in slow moving machines of this kind and they are expensive to replace.

Steel Frame and Hangers. It is made of heavy angle steel, securely bolted and is much stronger and more durable than a wood frame. The steel hangers are bolted to the heavy frame ends—



heads. They keep out dirt and stones and each drum turns independently on the axle.

Hardwood Bearings. The axles are made of solid, heavy, steel shafting and they turn in hardwood boxes carried in steel hangers. These hardwood boxes have proven their worth by years of service. They are better

this construction makes the Roller rigid at all times.

In comparison. Size up these Rollers with others in the following particulars and see which wins: Weight and quality of steel in drums, weight of steel in frame, diameter of axle, construction of drums, hangers, and bearings as to durability and ease of renewal.

"Iron Age" Steel Land Rollers

No.	Size	Weight	Price	No.	Size	Weight	Price
6224	6 ft. wide, 24 in. diam., 2 Sec.	450 lbs.	\$26.65	8224	8 ft. wide, 24 in. diam., 2 Sec.	540 lbs.	\$30.00
7224	7 ft. wide, 24 in. diam., 2 Sec.	495 lbs.	28.35	8226	8 ft. wide, 26 in. diam., 2 Sec.	590 lbs.	32.00
7226	7 ft. wide, 26 in. diam., 2 Sec.	550 lbs.	30.00	8324	8 ft. wide, 24 in. diam., 3 Sec.	575 lbs.	31.65
7324	7 ft. wide, 24 in. diam., 3 Sec.	530 lbs.	30.00	8326	8 ft. wide, 26 in. diam., 3 Sec.	630 lbs.	33.75
7326	7 ft. wide, 26 in. diam., 3 Sec.	585 lbs.	32.00				

For Neck-yoke and Doubletrees, add \$2.25